IL2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	IL2, Monoclonal Antibody
Full Product Name	IL2 (Interleukin-2, IL-2, T-cell Growth Factor, TCGF, Aldesleukin) (FITC)
Product Gene Name	anti-IL2 antibody
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	14G11
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Purity/Purification	Purified by immunoaffinity chromatography.
Specificity	Recognizes human IL-2.
Preparation and Storage	May be stored at 4 degree C for short-term only. For long-term storage and to avoid repeated freezing and thawing, aliquot and store at -20 degree C. Aliquots are stable for 12 months after receipt at -20 degree C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer. FITC conjugates are sensitive to light.
Immunogen	Highly purified human IL-2.
Conjugate	FITC
Special Handling	Light sensitive
Product Categories/Family for anti-IL2 antibody	Antibodies; Interleukin
Applications Tested/Suitable for anti-IL2 antibody	ELISA (EIA), Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-IL2 antibody	ELISA: In a sandwich ELISA (assuming 100ul/well), a concentration of 4-8ug/ml of this antibody will detect at least 1000pg/ml of recombinant human IL-2 when used with biotinylated antigen affinity purified anti-human IL-2 as the detection antibody at a concentration of approximately 1-2ug/ml. IHC-P: This antibody stained formalin-fixed, paraffin-embedded sections of human breast invasive ductal carcinoma. The recommended concentration is 2.5ug/ml-5ug/ml with an overnight incubation at 4 degree C. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 6.0 sodium citrate buffer is recommended. WB: To detect hIL-2 by Western Blot analysis this antibody can be used at a concentration of 1-2ug/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIL-2 is 2-4ng/lane, under reducing or non-reducing conditions. Applications are based on unconjugated antibody.
Related Product Information for anti-IL2 antibody	MBS6121949 is an antibody targeting IL2. Also known as IL2 (Interleukin-2, IL-2, T-cell Growth Factor, TCGF, Aldesleukin) (FITC). Reactive in Human. Host: Mouse.
Other Notes	Small volumes of anti-IL2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL2. It may not necessarily be applicable to this product.

Protein Family	Interleukin
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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